

Attorney Docket No. P16677
Application Serial No. 10/665,824

REMARKS

Claims 1-68 were subject to a requirement for restriction. More specifically, the Examiner restricted the claims to a first and second species. The first species is "directed to a method of manufacturing a semiconductor device including the steps of forming a number of vias through a first interconnect structure into a first wafer, depositing an insulating material in each of the number of vias, forming in insulating plug, forming a second interconnect structure over the insulating plug, wherein each of the insulating plugs extends to one of a number of conductors in the second interconnect structure," whereas the second species is "directed to a method of manufacturing a semiconductor device including the steps of depositing an insulating material over a surface of each of the number of vias, forming a second material on the insulating layer in each of the number of vias and wherein the second material in each of the number of vias extends to one of a number of conductor in the second interconnect structure." Office Action, at page 2.

Applicants assert that the first species encompasses claims 1-17 and that the second species encompasses claims 18-68. **Applicants elect claims 1-17 for prosecution in the instant application.**

10/07/04 13:34 FAX 5036709084

10/07/04 09:56 FAX

BSTZ

008

002

Attorney Docket No. P16677
Application Serial No. 10/665,824

CONCLUSION

Applicant respectfully requests entry of this response prior to examination on the merits. Please charge any shortages and credit any overages to Deposit Account No. 02-2666.

Respectfully submitted,

Date: October 7, 2004



Kerry D. Tweet
Registration No. 45,959

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
(503) 684-6200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on:

10/7/04

Date of Deposit

Tamara M. Simpson

Name of Person Mailing Correspondence

Tamara M. Simpson

Signature

10/7/04

Date